

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner

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Applicant(s)

Michael Wassenegger et al.

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For

NUCLEIC ACID MOLECULES ENCODING POLYPEPTIDES HAVING THE ENZYMATIC ACTIVITY OF AN RNA-DIRECTED RNA

POLYMERASE (RdRP)

New York, New York February 8, 2001

Hon. Commissioner for Patents Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicants, through their representatives, make of record the following documents in the above-identified application. Copies of all documents were previously submitted in parent application U.S. Application No. 08/811,583. Pursuant to 37 C.F.R. § 1⁷.98(d), applicants have not enclosed copies of the documents herewith. However, applicants stand ready to provide copies at the Examiner's request.*

^{*} For the convenience of the Examiner, applicants have attached duplicate copies of a completed Form PTO-1449 listing these documents.

Articles

David C. Baulcombe, "Mechanisms of Pathogen-Derived Resistance to Viruses in Transgenic Plants", <u>The Plant Cell</u>, Vol. 8, pp. 1833-1844 (October 1996).

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Richard A. Jorgensen, "Cosuppression, Flower Color Patterns, and Metastable Gene Expression States", Science, Vol. 268, pp. 686-691 (May 1995).

Z.A. Khan et al., "RNA-Directed RNA Polymerases from Healthy and from Virus-Infected Cucumber", <u>Proc. Natl. Acad. Sci. USA</u>, Vol. 83, pp. 2383-2386 (April 1986).

Christian Kunz et al., "Developmentally Regulated Silencing and Reactivation of Tobacco Chitinase Transgene Expression", <u>The Plant Journal</u>, Vol. 10(3), pp. 437-450 (1996).

John A. Lindbo et al., "Induction of a Highly Specific Antiviral State in Transgenic Plants: Implications for Regulation of Gene Expression and Virus Resistance", <u>The Plant Cell</u>, Vol. 5, pp. 1749-1759 (December 1993).

B. Gregory Louis et al., "Purification and Properties of the Ribonucleic Acid-Dependent Ribonucleic Acid Polymerase from *Halobacterium cutirubrum*", <u>Biochem. J.</u>, Vol. 128, pp. 755-762 (1972).

Marjori A. Matzke et al., "How and Why Do Plants Inactivate Homologous (Trans)genes?", <u>Plant Physiol.</u>, Vol. 107, pp. 679-685 (1995).

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P. Meyer et al., "Homology-Dependent Gene Silencing in Plants", <u>Annu. Rev. Plant Physiol. Plant Mol. Biol.</u>", Vol. 47, pp. 23-48 (1996).

M. Prins et al., "RNA-Mediated Virus Resistance in Transgenic Plants", <u>Arch. Virol.</u>, Vol. 141, pp. 2259-2276 (1996).

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Titia Sijen et al., "RNA-Mediated Virus Resistance: Role of Repeated Transgenes and Delineation of Targeted Regions", <u>The Plant Cell</u>, Vol. 8, pp. 2277-2294 (December 1996).

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M. Wassenegger, "RNA-directed RNA Polymerase (RdRP) as a Possible Enzyme for *In Vitro* Synthesis of 'Antisense' RNA," <u>9. Tagung, Molekularbiologie der Pflanzen</u> at Werningerode, Germany (March 5 to March 8, 1996).

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Applicants request that these documents be (1) fully considered by the Examiner during the examination of this application; and (2) printed on any patent that may issue from this application. Applicants also request that a copy of Form PTO-1449, as considered and initialed by the Examiner, be returned with the next communication.

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